



I-64 Capacity Improvements Segment II RFQ Information Meeting

May 1, 2015

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I-64 Capacity Improvements – Segment II Topics

- **Project Location**
- **Project Purpose & Need**
- **Project Overview**
- **RFQ Information Package**
- **RFQ Summary**
- **Questions / Answers**

I-64 Capacity Improvements Segment II

Begin Project
1.05 miles west
of Humelsine Pkwy/
Marquis Ctr Pkwy
MM 241.30

Exit 242
Rt. 199 Humelsine Parkway/
Marquis Ctr. Parkway

Exit 243
US 60/Rt. 143 Busch Gardens

**Yorktown Naval
Weapons Station**

INTERSTATE
64

Exit 247
Rt. 143

Exit 247
Rt. 238/Yorktown Rd

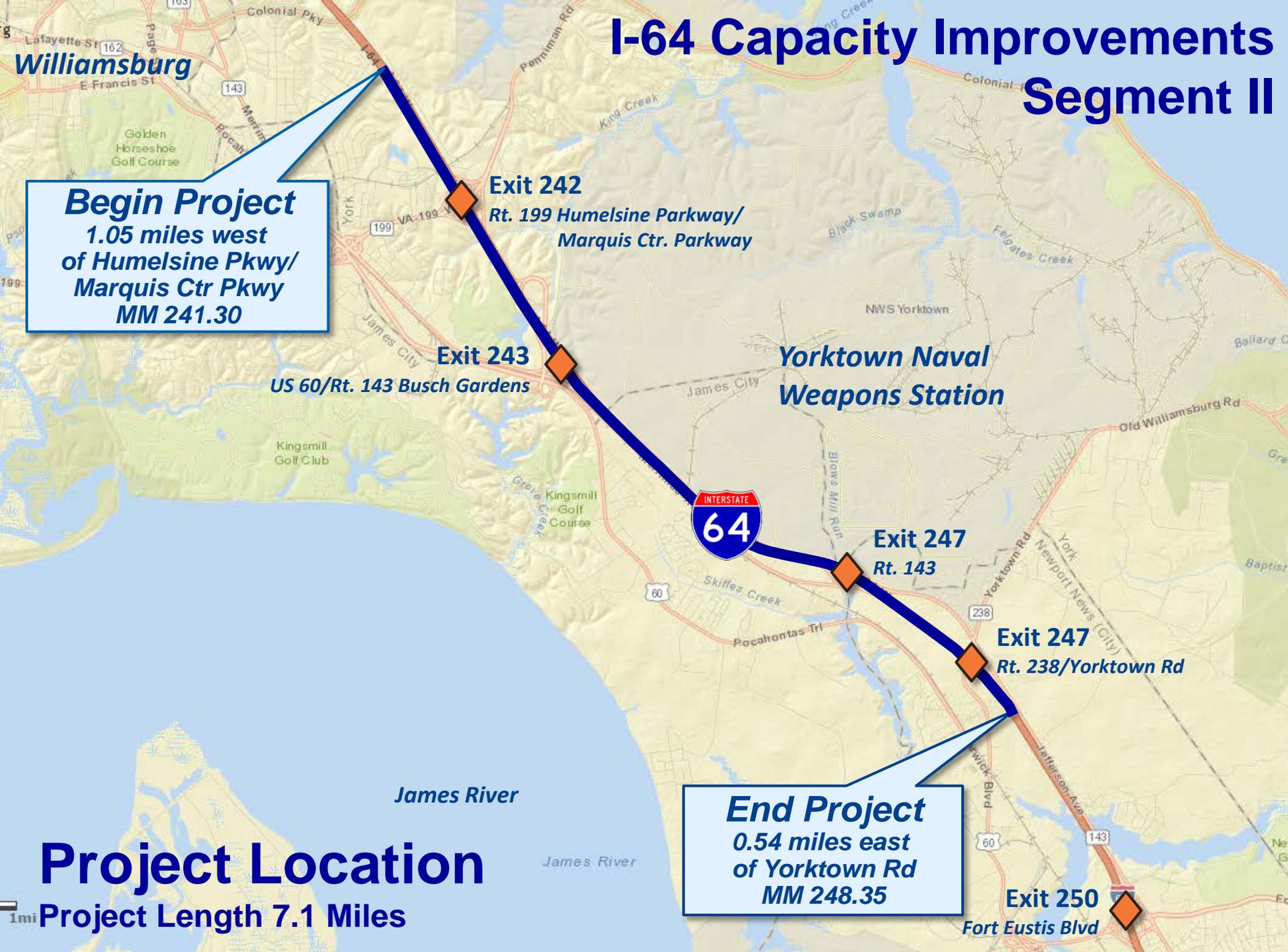
End Project
0.54 miles east
of Yorktown Rd
MM 248.35

Exit 250
Fort Eustis Blvd

Project Location

Project Length 7.1 Miles

1mi



Project Purpose & Need

- **Corridor operates at a deficient LOS:**
 - ✓ High traffic volumes – 94,000 ADT (2015)
 - ✓ Traffic volumes are expected to increase - 128,000 ADT (2037)
- **Providing additional lanes brings significant value:**
 - ✓ Provides increased capacity
 - ✓ Decreases travel delays
 - ✓ Improves safety by reducing congestion
 - ✓ Improves tourist access
 - ✓ Improves connectivity between military installations
 - ✓ Provides for efficient transport to/from Port of Virginia
- **Improvements contribute to the FEIS preferred alternative**

Project Overview

Environmental Document

- **Final Environmental Impact Statement (FEIS)**
 - ✓ Programmatic Agreement Executed
 - ✓ FEIS Approved by FHWA 11/26/2013
 - ✓ Record of Decision (ROD) expected Summer 2015

INTERSTATE 64 PENINSULA STUDY
FROM INTERSTATE 95 IN THE CITY OF RICHMOND TO INTERSTATE 664 IN THE CITY OF HAMPTON, VIRGINIA

Final Environmental Impact Statement

Submitted Pursuant to 42 U.S.C. 4332 (2)(c)
by the
U.S. Department of Transportation Federal Highway Administration
and the
Virginia Department of Transportation

Cooperating Agencies:

U.S. Army Corps of Engineers	U.S. Department of the Interior, U.S. Fish and Wildlife Service
U.S. Coast Guard	U.S. Department of the Interior, National Park Service
U.S. Environmental Protection Agency	

November 26, 2013
Date of Approval

November 26, 2013
Date of Approval


State Environmental Administrator, Virginia Department of Transportation

Richard Wayne Tedora
for Division Administrator, Federal Highway Administration

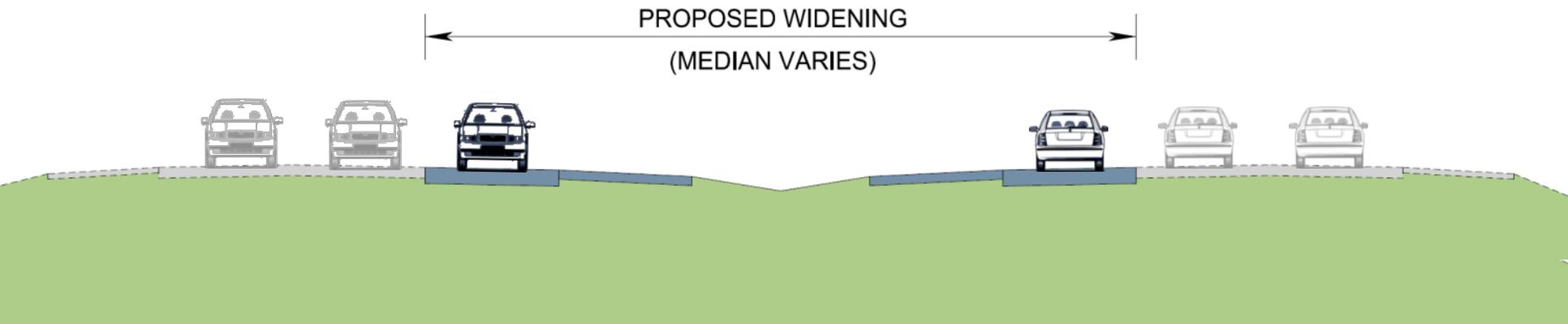
Project Overview

- I-64 classified as an Urban Freeway
- VDOT GS-5 Design Standard
- Design Speed 70 / 75 mph
- Posted Speed 65 / 70 mph
- Design Year = 2037
- Substandard Cross Slopes, Superelevations and Vertical Curves to be addressed
- Existing outside paved shoulder width is 10'
- Existing Mainline has 2 – 12' lanes in each direction



Project Overview

- Project length is 7.1 miles: From 1.05 miles west of Humelsine Pkwy/Marquis Ctr Pkwy (Exit 242) To 0.54 miles east of Yorktown Rd (Exit 247)
- Adding one additional 12-ft lane; one 12-ft shoulder in each direction
- Widening to occur in the median:
 - ✓ Limiting the RW required to construct the project
 - ✓ Avoiding impacts on interchanges and other existing facilities
 - ✓ Incorporating context sensitive design where appropriate

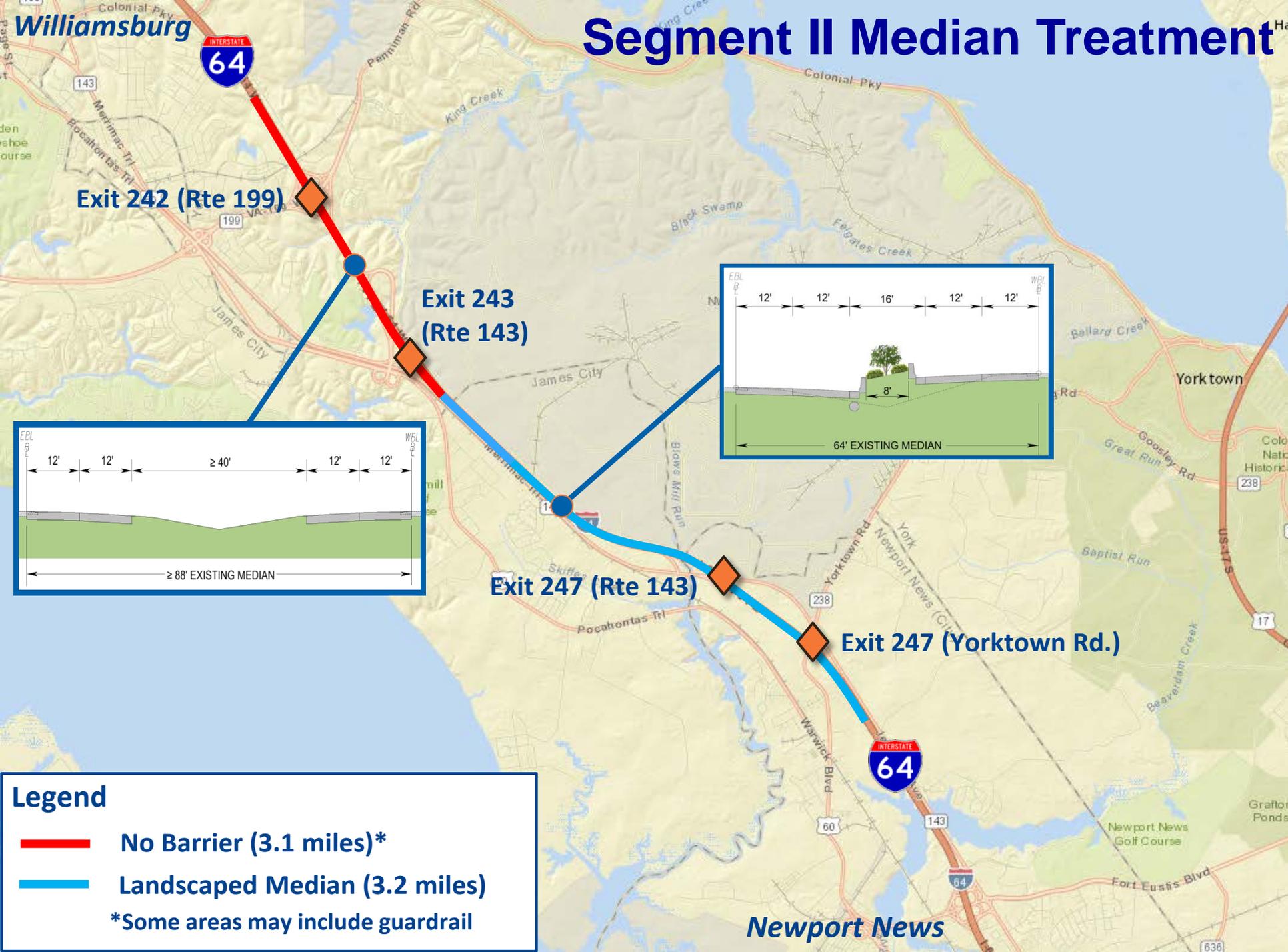


Project Overview

- Repair and widening of 9 bridges and 6 major culverts
- Reconstruction of Existing Roadway
- Shoulder widening from 10' to 12' west of Exit 243 (Busch Gardens) due to higher truck volume on this section
- Lengthening ramps at interchanges
- Right of Way Acquisition
- City of Newport News Park
 - Borders 3.5 miles of project corridor
 - Requires creative design for stormwater management to avoid property impacts
- Yorktown Naval Weapons Station
- Noise Analysis



Segment II Median Treatment

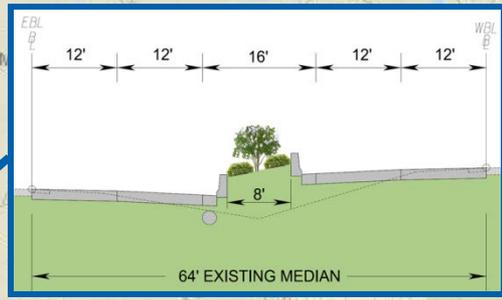
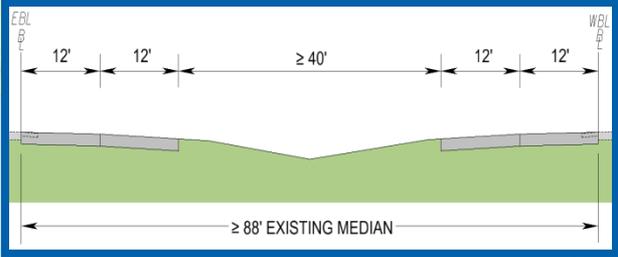


Exit 242 (Rte 199)

Exit 243 (Rte 143)

Exit 247 (Rte 143)

Exit 247 (Yorktown Rd.)



Legend

- No Barrier (3.1 miles)***
- Landscaped Median (3.2 miles)**
- *Some areas may include guardrail**

Newport News

Bridge Locations



Williamsburg

Rt. 641 Penniman Rd

I-64 WB Off-Ramp

Yorktown Naval Weapons Station

Access Rd and RR to Naval Weapons



Rt. 143

Rt. 238 Yorktown Rd

James River

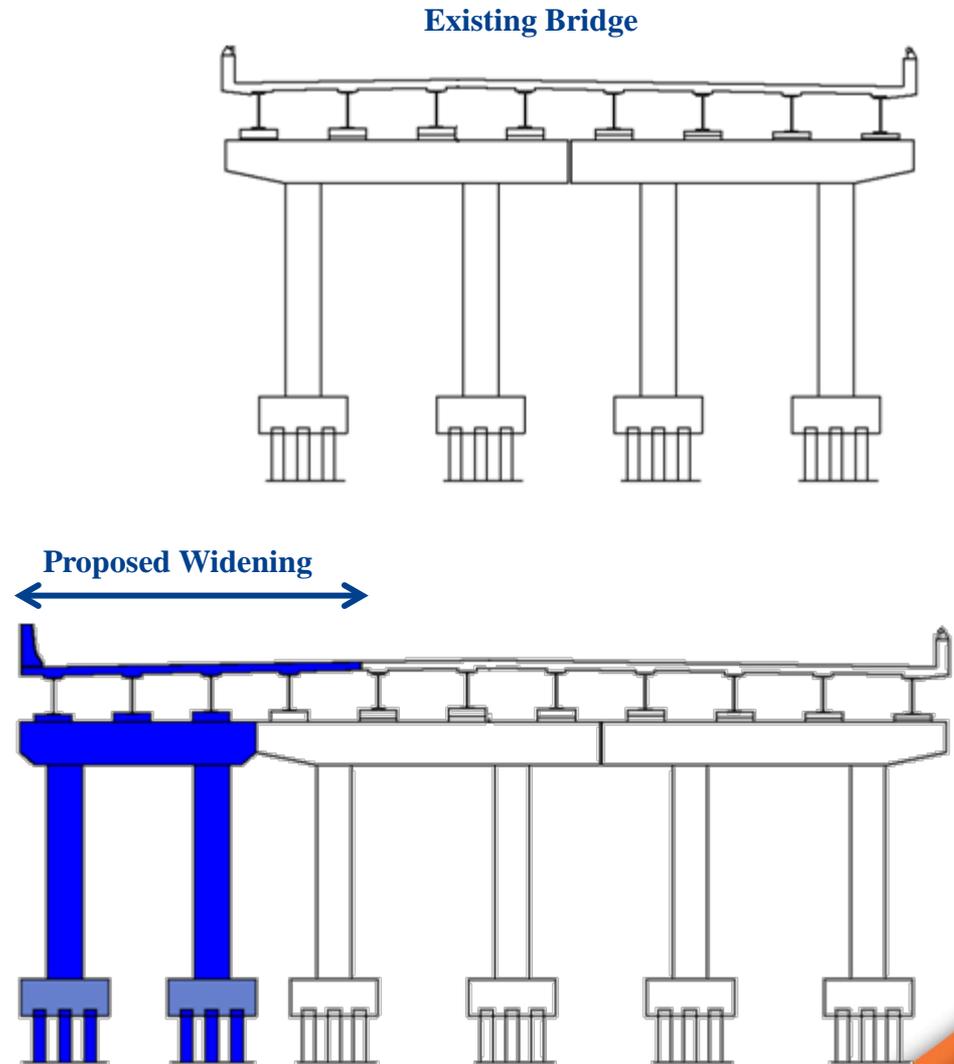
James River

Legend

 I-64 Mainline Bridges

Project Overview

- **Nine (9) bridges on the corridor**
- **Bridges will be widened to the inside to provide one additional 12' lane and 12' shoulder**
- **Existing structures may be rehabilitated or replaced**



RFQ Summary

- **VDOT POC**

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- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$185,000,000**

RFQ Information Package

- **RFQ Conceptual Plans**
 - Roadway Plan and Profile
 - Bridge
- **Environmental Impact Statement, November 2013**
 - Final EIS
 - EIS Appendices
 - Executive Summary
- **Geotechnical Data Report**
- **Existing Survey**

Anticipated Schedule

(Section 2.5)

- **RFQ Questions to VDOT** **05/08/2015**
- **VDOT Response to Questions** **05/19/2015**
- **SOQ Submission Date** **05/28/2015**
- **Notification of Shortlist** **07/13/2015**
- **Anticipated RFP Release Date** **07/17/2015**
- **Anticipated Award Date** **12/03/2015**
- **Final Completion** **07/26/2019**

Recent “Enhancements” to RFQ

- **Addition of Responsible Charge Engineer as Key Personnel (Section 3.3.1)**
- **Revised Evaluation Criteria – Offeror’s Team Structure (Section 3.3.1)**
- **Revisions to Key Personnel Resume Form (Attachment 3.3.1)**
- **Revisions to Work History Forms (Attachment 3.4.1 (a) and (b))**
- **Revised Evaluation Criteria – Experience of Offeror’s Team (Section 3.4.1)**

Contents of Statements of Qualifications (SOQ)

- **Letter of Submittal** **(Section 3.2)**
 - ✓ POC, Surety, Prequalification, Debarment, SCC, DPOR, etc.
 - ✓ Commitment to achieving a 12% DBE participation goal
- **Offeror's Team Structure** **(Section 3.3)**
 - ✓ Key Personnel
 - Design Build Project Manager
 - Responsible Charge Engineer
 - Quality Assurance Manager
 - Design Manager
 - Construction Manager
 - MOT Manager
 - ✓ Organizational Chart and Narrative
 - ✓ Clear separation between QA and QC Production Forces

Contents of Statements of Qualifications (SOQ)

- **Experience of Offeror's Team** **(Section 3.4)**
 - ✓ Lead Contractor Work History Form
 - ✓ Lead Designer Work History Form

- **Project Risks** **(Section 3.5)**
 - ✓ Identify 3 Critical Project Risks
 - Why is the risk critical?
 - What is the potential impact?
 - Mitigation strategies?
 - VDOT's role?

Evaluation Criteria

(Section 4)

• Offeror's Team Structure	30%
• Experience of Offeror's Team	30%
• Project Risks	<u>40%</u>
Total	100%

- **Scoring Range Application**

- ✓ Numerical score based on a 1-10 scale
- ✓ Evaluation Criteria included in the RFQ for each submittal requirement

- **Design-Build Evaluation Guidelines, Revised May 2014
(On VDOT'S DB Website)**

<http://www.viriniadot.org/business/design-build.asp>

Submittal Requirements

(Section 5)

- **Deadline for submitting a Statement of Qualifications is May 28, 2015 at 4:00PM**
- **1 original paper version with original signatures**
- **1 CD-ROM with entire SOQ**
- **10 abbreviated paper copies**
- **Statements of Qualifications shall be:**
 - ✓ **Securely bound**
 - ✓ **No more than 15 pages**
 - ✓ **Typed on one-side only**
 - ✓ **Separated by numbered tabs**
 - ✓ **Original shall include all required documentation**
 - ✓ **Written in Times New Roman with a 12 point font**
 - ✓ **Prepared on 8.5" x 11" white paper**

RFQ Questions

(Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.
- Deadline for submittal is **May 08, 2015**
- Responses will be posted on VDOT's RFQ website by **May 19, 2015**

Structure Inspection Reports

- **Critical Infrastructure Information/Sensitive Security Information (CII/SSI)**
- **CII/SSI Form to be Added to RFQ Webpage**
- **Submit Completed Form to VDOT POC**
- **VDOT to Supply:**
 - **Latest Bridge Inspection Reports**
 - **Latest Culvert Inspection Reports**

Conflict of Interest

(Section 11.2)

- The following firms have been determined to have a conflict of interest:
 - AECOM
 - Rice Associates
 - Kimley-Horn & Associates
 - CH2M Hill
 - VHB
 - ~~ECS Mid Atlantic~~
 - ~~Integrity Environmental~~

Conflict of Interest

(Section 11.2)

- **Each Offeror shall identify potential conflicts of interest.**
 - **See Alternate Project Delivery Office Memorandum IIM-APD-2 dated December 27, 2012**
<http://www.virginiadot.org/business/resources/LocDes/IIM-APD-2.pdf>
- **If a potential conflict of interest or competitive advantage is identified, the Offeror shall submit in writing the pertinent information to VDOT's POC.**



Questions